



1 1. (currently amended) A dental radiography positioning system
2 comprising:
3 an aimer ring having a ring and a bar slide for alternately and slidingly
4 engaging a posterior imaging bar and an anterior imaging bar;
5 the posterior imaging bar having a posterior aimer ring bar and a
6 posterior imaging platform for mounting a posterior sensor holder;
7 the posterior sensor holder having a tab for mounting to the posterior
8 imaging platform;
9 the anterior imaging bar having an anterior aimer ring bar and a anterior
10 imaging platform for mounting an anterior sensor holder; ~~and,~~
11 the anterior sensor holder having a tab for mounting to the anterior
12 imaging platform; and,
13 a horizontal bitewing sensor holder having a mechanism for establishing
14 a single use.

1 2. (currently amended) A dental radiography positioning system
2 comprising:
3 an aimer ring having a ring and a bar slide for alternately and slidingly
4 engaging a posterior imaging bar and an anterior imaging bar;
5 the posterior imaging bar having a posterior aimer ring bar and a
6 posterior imaging platform for mounting a posterior sensor holder, The dental
7 radiography positioning system of Claim 1 where
8 the posterior imaging bar further comprising ~~comprises~~ an imaging arm
9 supporting the posterior imaging platform and an opposing posterior imaging
10 platform; where the posterior and opposing posterior imaging platforms can
11 each be used for taking upper and lower posterior dental radiographic images;
12 the posterior sensor holder having a tab for mounting to the posterior
13 imaging platform;

14 the anterior imaging bar having an anterior aimer ring bar and an
15 anterior imaging platform for mounting an anterior sensor holder; and,
16 the anterior sensor holder having a tab for mounting to the anterior
17 imaging platform.

1 3. (currently amended) A dental radiography positioning system
2 comprising:
3 an aimer ring having a ring and a bar slide for alternately and slidingly
4 engaging a posterior imaging bar and an anterior imaging bar;
5 the posterior imaging bar having a posterior aimer ring bar and a
6 posterior imaging platform for mounting a posterior sensor holder;
7 the posterior sensor holder having a tab for mounting to the posterior
8 imaging platform;
9 the anterior imaging bar having an anterior aimer ring bar and an
10 anterior imaging platform for mounting an anterior sensor holder. ~~The dental~~
11 ~~radiography positioning system of Claim 1~~ where the anterior imaging platform
12 has two slotted arms for holding the anterior sensor holder; and,
13 the anterior sensor holder having a tab for mounting to the anterior
14 imaging platform.

1 4. (cancelled) The dental radiography positioning system of Claim 1
2 further comprising a horizontal bitewing sensor holder.

1 5. (original) The dental radiography positioning system of Claim 1
2 further comprising a vertical bitewing sensor holder.

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1 6. (cancelled) The dental radiography positioning system of Claim 1
2 where the anterior imaging bar and the posterior imaging bar comprise a
3 material that can be sterilized for multiple uses.

1 7. (original) A dental radiography posterior imaging bar comprising an
2 aimer ring bar perpendicularly elevated from an imaging bar by a pre-determined
3 length;

4 where the imaging bar has a first posterior imaging platform and a
5 second posterior imaging platform;

6 the first and second posterior imaging platforms each having a sensor stop
7 and a sensor holder slot for supporting a sensor holder; and,

8 where the first posterior imaging platform is used for upper left posterior
9 dental images and lower right posterior dental images;

10 where the second posterior imaging platform is used for upper right
11 posterior dental images and lower left posterior dental images.

1 8. (original) The dental radiography posterior imaging bar of Claim 7
2 where the first posterior imaging platform further comprises a top side and
3 bottom side, where the top side is marked to indicate usage for upper left
4 posterior dental images and the bottom side is marked to indicated usage for
5 lower right posterior dental images.

1 9. (original) The dental radiography posterior imaging bar of Claim 7
2 where the second posterior imaging platform further comprises a top side and
3 bottom side, where the top side is marked to indicate usage for upper right
4 posterior dental images and the bottom side is marked to indicated usage for
5 lower left posterior dental images.

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1 10. (original) The dental radiography posterior imaging bar of Claim 7
2 where the first and second posterior imaging platforms are positioned on
3 opposite sides of the aimer ring bar.

1 11. (original) The dental radiography posterior imaging bar of Claim 7
2 where the dental radiography posterior imaging bar is T-shaped.

1 12. (original) The dental radiography posterior imaging bar of Claim 11
2 where the imaging bar has a draft angle of 1.0 to 2.0 degrees.

1 13. (original) A dental radiography posterior sensor holder comprising a
2 flexible sleeve for holding a digital dental radiography sensor where the sleeve
3 has a sleeve base and a sleeve back;

4 where the sleeve base has a tab for engaging a posterior imaging bar; and,
5 where the sleeve back has a gripping tab for being held by a gripping
6 tool.

1 14. (original) A dental radiography anterior sensor holder comprising a
2 flexible sleeve for holding a digital dental radiography sensor and two arms
3 extending from the sleeve; where each arm is slotted for engaging an anterior
4 imaging bar.

1 15. (original) The dental radiography anterior sensor holder of Claim 14
2 where each arm extends from the sleeve at a pre-determined angle.

1 16. (currently amended) A dental radiography anterior sensor holder
2 comprising a flexible sleeve for holding a digital dental radiography sensor and
3 two arms extending from the sleeve; where each arm is slotted for engaging an
4 anterior imaging bar and ~~The dental radiography anterior sensor holder of~~
5 ~~Claim 14~~ where each arm has an I-shaped cross-section.

1 17. (currently amended) A dental radiography anterior imaging ~~bar~~
2 system comprising an aimer ring bar supporting an anterior imaging platform;
3 where the anterior imaging platform has two pressure slots for holding
4 an anterior sensor holder and an angled base for positioning a dental sensor
5 for an anterior dental image; ~~and~~,
6 where the aimer ring bar has an S-curve to support an aimer ring
7 with an interior view so that the anterior sensor holder is supported by the
8 imaging platform within the interior view of the aimer ring; and,
9 an anterior sensor holder comprising a flexible sleeve for holding a
10 digital dental radiography sensor and two arms extending from the sleeve;
11 where each arm is slotted to detachably engage the anterior imaging bar.

1 18. (currently amended) The dental radiography anterior imaging
2 ~~bar~~ system of Claim 17 where the imaging platform further comprises two
3 support arms extending from below the pressure slots to provide support to
4 the anterior sensor holder.

Please add new Claim 19.

1 19. A dental radiography anterior imaging bar comprising an aimer
2 ring bar supporting an anterior imaging platform;
3 where the anterior imaging platform has two pressure slots for holding
4 an anterior sensor holder and an angled base for positioning a dental sensor
5 for an anterior dental image;
6 where the aimer ring bar has an S-curve to support an aimer ring
7 with an interior view so that the anterior sensor holder is supported by the
8 imaging platform within the interior view of the aimer ring; and,
9 where the imaging platform further comprises two support arms
10 extending from below the pressure slots to provide support to the anterior
11 sensor holder.